Inde	ex of Cl	laims

App	lication	on/Con	trol No.
744	····	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

10/697,353

Examiner

Joseph D. Anthony

Applicant(s)/Patent under Reexamination

AHMAD ET AL.

Art Unit

1714

√	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

Claim		Ш	1				,		_						•		_	!		_
The color of the	Claim	1				Date						Cla	im					ate		_
S2 S3 S4 S4 S5 S5 S5 S5 S5 S5		3/15/06																		
S2 S3 S4 S4 S5 S5 S5 S5 S5 S5	1	1 🚉	+	├─	\vdash			-	_				51	\Box	十	†		_	H	ŀ
S3		1:	+	╁	Т	t							52	\vdash	\top	+				۲
1		11	+	<u> </u>	_	1	\vdash						53	\Box	_	1				r
5 6 7 55 56 57 58 59 59 59 59 60 60 61 61 61 61 61 62 63 63 63 63 63 63 63 64 64 65 66 66 66 66 67 67 67 68 69 <td></td> <td>††</td> <td>†</td> <td><u> </u></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>H</td> <td>\top</td> <td>\top</td> <td></td> <td></td> <td></td> <td>٢</td>		††	†	<u> </u>	1									H	\top	\top				٢
6 7 7 56 57 58 59 59 59 59 59 59 60 61 61 61 62 63 63 63 63 63 63 64 64 64 64 65 66 66 67 68 68 69 70 71 71 72 72 73 74 74 74 74 74 74 74 74 74 74 74 74 75 75 75 75 75 75 75 75 75 75 76 77 78 88 89		H		ļ	Г				_				55	П		1				r
7 8 9 58 9 60 11 61 12 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 (20) 70 (21) 71 (22) 73 (23) 74 (24) 75 26 76 76 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96	6	$\forall i$	\top	Г									56	Ħ		1				Γ
9		11		П									57							
10	8	П	Т																	
11 12 61 62 13 63 63 64 15 65 65 66 17 66 67 68 69 19 69 70 70 70 71 72 73 72 73 74 72 73 74 74 74 74 74 74 74 74 74 75 75 75 75 75 75 75 75 76 77 78 78 79 30 80 80 80 81 81 32 82 33 83 83 83		Π											59							
12		\coprod														\perp				
13		\perp			L	Ĺ							61			\perp				L
14		Ш													\perp	\perp				L
15		Ш	\perp		L	<u> </u>	<u> </u>	<u> </u>					63		\perp	\downarrow				L
16 17 66 67 18 68 69 (20) 70 70 (21) 72 73 (24) 75 75 26 76 77 28 78 79 30 80 81 31 81 82 33 83 84 34 84 84 35 86 86 37 88 89 40 90 90 41 91 92 43 94 94 45 96 97 48 98 99		Щ	\perp	<u> </u>			<u> </u>						64	Ш		\perp			Ш	L
17		Ш		L	L	L		<u> </u>								\perp				L
18 68 19 69 20 70 21 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 96 46 96 47 97 48 99		11	⊥_	<u> </u>										Ш	4	4	_			L
19		11	<u> </u>	<u> </u>		<u> </u>	L							$\sqcup \! \! \! \! \! \perp$		\perp				L
23 71 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99	18	11	<u> </u>		_	L							68	<u> </u>		\perp			Ш	L
23 71 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99	19	Щ	丄	<u> </u>	L	L	_	L					69	Ш		\perp				L
(2) 72 (3) 74 (2) 75 76 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	(20	11		<u> </u>	<u> </u>	L	<u> </u>									\perp				L
(23) 73 (24) 74 (25) 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		1	_	<u> </u>		┖	<u> </u>	_					71			\perp				L
(2) 74 (25) 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		Ш	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	_	_	<u> </u>						72			4	_			L
26 75 27 76 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	23	Щ	\perp	<u> </u>		_	L							Ш		4				L
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	24	Ц	<u> </u>	<u> </u>	ļ	ļ.,	ļ	L					74			4			Щ	L
27 28 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	25	少	4_	L	_	_	L	_	Ш				75	Ш	_	\downarrow				Ļ
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99		\bot	\vdash	L	L	<u> </u>	<u> </u>	<u> </u>	_				76		\perp	4	_			L
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	27	4-	↓	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>					77	\vdash		4				L
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		-	┿-	<u> </u>			ļ	<u> </u>					78		4	+				L
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		┿	┿	⊢	<u> </u>	├	 —	├—	_				79		-	+	_			L
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	30	+	+	<u> </u>	-	_	├─	_	\vdash				81	┝	-	+	-		-	ŀ
33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	31	+-	+	⊢	\vdash	⊢	-	\vdash	\vdash					\vdash	+	+	_		H	H
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		╄	╁	┢	┢	⊢	-			_			02	\vdash	+	+				ŀ
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	34	+-	+	╌	-	-	\vdash	\vdash	_	_				\vdash	\dashv	+			Н	ŀ
36 86 37 88 38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		+	+	╁	\vdash	\vdash		├─					85	\vdash	+	+	-			H
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		+	+	\vdash	\vdash	-	\vdash	\vdash	\vdash				86	\vdash	+	+	-		\vdash	H
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	37	+	+	\vdash	\vdash	 	Н	\vdash	\vdash	\vdash			87	\vdash	+	+	-		\vdash	H
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		+	t	H			H	\vdash	H					\vdash	+	+	-		H	H
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		\top	t	t	T	\vdash	Н	Н	Н			-		\vdash	+	+			Н	r
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		+-	t^-	H	 		\vdash	_	Н	-				\vdash	+	\dagger	_	_		r
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	41	1	t	Т	 	<u> </u>	\vdash	 	Н				91	\vdash	+	\dagger	\exists		\vdash	۲
43 93 44 94 45 95 46 96 47 97 48 98 49 99		1	T			T	П	Т						\Box	\top	十		_		r
44 94 45 95 46 96 47 97 48 98 49 99		1	1					\Box						\Box	\top	┪				Γ
45 95 96 96 97 97 97 98 98 99 99 99 99		1			П			П					94	Ħ	T	\top				Γ
46 96 97 97 48 98 99 99 99	45			Ī.									95			_		_		Γ
47 97 98 98 99 99 99 99 99 99 99 99 99 99 99	46	Γ											96			T				Γ
49 99 99	47	\prod											97		Ι	I		_		E
49 99 100																\prod				Ĺ
50											[99			\perp				Ĺ
	50										[100			\perp				Ĺ

C O	.:	г				7-4				
Cla		<u> </u>				Date	-	_	_	_
Final	Original									
	51 52								Г	
	52									
	53									
	54									
	54 55								Ì	
	56									
	57									<u> </u>
	58	L			$ldsymbol{f eta}$	L	L	L	L	<u> </u>
L	59		_	<u> </u>				_		<u> </u>
L	60	L							_	匚
<u> </u>	61			_				_		L_
L	62		L			<u></u>		<u> </u>		<u> </u>
	63	ļ	L_		_	_	L_	ļ		<u> </u>
	64	_	L.	_	_	_	_	-	ļ	
<u></u>	65	<u> </u>	ļ	ļ	<u> </u>		<u> </u>			<u> </u>
	66 67	_	<u> </u>	<u> </u>	_				<u> </u>	ļ
	67		<u> </u>	_	L	_	<u> </u>	_	\vdash	<u> </u>
	68		ļ		_	_	<u> </u>	_		_
<u> </u>	69	_	_		\vdash	<u> </u>	┝	<u> </u>	\vdash	_
	70		-	_	⊢	┝	┝	-	-	┢
	71		┝		⊢	_	_		-	
	71 72 73	-	-	-	-			-	H	⊢
	74	-		<u> </u>	\vdash		-	-		┢
	74 75	-	┝	┝	\vdash	┝	┝	-	-	├╌
	76					-	-	-		\vdash
-	77		┢─		\vdash	┢	┢╌	-	-	-
	78	_	-		-	-	├	├	\vdash	
	79	-	-			-		-		
<u> </u>	80	-	-		_	-				┢
-	81	├-	-	┢╌	_	 	 		\vdash	\vdash
	82	\vdash	\vdash	\vdash	H	Н	Η-	\vdash		\vdash
	83	\vdash	\vdash	Н	_	┢	┢	Н	\vdash	\vdash
	84		\vdash		Г			Г		Г
	85		\vdash			Г				
	86		<u> </u>		Г	\Box				
	87									
	88									Ľ
	89									
	90									
	91									
	92									
	93							\Box		L
	94		<u> </u>	L_	L				\Box	L
	95	Ш	L					_	Ш	
	96	Щ		$ldsymbol{f eta}$	ᆫ	L_	<u> </u>	<u> </u>	Ш	L_
<u> </u>	97	Щ	Щ	L_	L_	L	<u> </u>	<u> </u>	Щ	$oxed{oxed}$
<u> </u>	98	\vdash	<u> </u>	<u> </u>	\vdash	<u> </u>	<u> </u>	<u> </u>	\vdash	├-
	99	lacksquare	$ldsymbol{ldsymbol{\sqcup}}$	Щ	\vdash	\sqcup	L		\vdash	\vdash
1	1100							i	1	

Cla	aim	Г				Date				
			· ·		Г [.]	٦				\Box
Final	Original									
	101									
	102		<u> </u>		L	<u> </u>				
	103	<u> </u>			<u> </u>	ļ	<u> </u>	<u> </u>	_	Щ
	104	<u> </u>				-	<u> </u>	-	-	\vdash
	105 106	<u> </u>		<u> </u>	├	 		\vdash	\vdash	\vdash
	107	<u> </u>		├-	├	├	 	\vdash	\vdash	-
	108	-	-	\vdash	\vdash	-	-	\vdash		Н
	109					Т	_	_		
	110									
	111									
	112									
	113	<u> </u>	_	<u> </u>	ļ	<u> </u>	L_	<u> </u>	Щ	Ш
-	113 114 115	<u> </u>	_	<u> </u>	<u>L</u> .	<u> </u>	<u> </u>	<u> </u>	L	\sqsubseteq
	115	<u> </u>	<u> </u>	\vdash	<u> </u>	<u> </u>	\vdash	-	<u> </u>	H
	116 117	\vdash	\vdash	\vdash	\vdash	\vdash	-	\vdash	H	Н
	118	├	-	-	-	-	H	-		\vdash
	119	┢	-	-	-	-	-	┝	_	Н
_	120	\vdash	\vdash							
	121									
	122									
	122 123 124 125						L_			
	124	L.		ļ			L.			
	125 126	<u> </u>	_	_	-		_	H	H	Щ
	120	 	-	-			-	-	-	
	127 128	\vdash	┝	├	<u> </u>					Н
-	129	\vdash			\vdash		-	-		
	130	H					_			_
	130 131									
	132									
	133						\Box			
	134	<u> </u>	<u> </u>	<u> </u>	L	\vdash	<u> </u>	<u> </u>	<u> </u>	Щ
	135 136	<u> </u>	_	<u> </u>	ļ	├-	<u> </u>	-	H	\vdash
	137	-	-	├	⊢	 		\vdash		\vdash
	138	\vdash		\vdash	-	\vdash	\vdash	\vdash	\vdash	Н
	139		_			Г	<u> </u>		-	H
	140									
	141									
	142			匚	Ĺ			L		
	143	Ш		<u> </u>	_		L			Ш
	144	\vdash		\vdash	_	_				\sqcup
	145 146			\vdash	_	-	H		-	\vdash
	147		-	\vdash	\vdash	-	⊢	\vdash	-	\vdash
_	148	H	-	\vdash		\vdash	H	\vdash	\vdash	$\vdash \vdash$
	149	\vdash					-		_	Н
	150									
		_					_	_		